



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H142225

Mode: Highway

Status: Submitted

US-601

From/Cross Street: Salisbury Street

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Regional Impact

Length: 0.5

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$2,325,000

Description:

Install a new 90 degree intersection and close the end of Salisbury Street
(Former SPOTID: H141405)

Division(s): Division 9

County(s): DAVIE

MPOS(s)/RPO(s): Northwest Piedmont RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 54.92

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
[Travel Time] Benefit/Cost (25%) 23.55	Percent: 15% Points: 100	Percent: 15% Points: 100
Accessibility / Connectivity (10%) 27.01		
Congestion (V/C) (25%) 58.66		
Safety (10%) 16.65		
Totals: Weight: 70% Weighted Score: 24.92		

Division Needs Total Score: 68.11

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 16.65	Percent: 25% Points: 100	Percent: 25% Points: 100
Congestion (V/C) (20%) 58.66		
[Travel Time] Benefit/Cost (20%) 23.55		
Totals: Weight: 50% Weighted Score: 18.11		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	37
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	25519.81
Capacity:	31600
Volume/Capacity Ratio:	0.81
% Autos:	95%
% Trucks:	5%
Truck Volume:	1249.67
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	33.3
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	25
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	96
Actual Congested Speed:	38
Travel Time Index:	0.92

Project Benefits

Project Cross-Section:	
Speed Limit:	37
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	2439000
Travel Time Savings for 30 Years (Autos):	2319565.17
Travel Time Savings for 30 Years (Trucks):	119434.83
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	Davie County CTP; Town of Mocksville CTP
CTP/LRTP Completion Year:	2012
Submitted by:	Northwest Piedmont RPO

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 9	100%	100	100
	0%	0	0
	0%	0	0
TOTAL Division Points		100	100

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Northwest Piedmont RPO	100%	100	100
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	100

Project Cost and Source

Construction Cost:	\$1,875,000	Cost Estimation Tool
Right-of-Way Cost:	\$450,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$2,325,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$2,325,000	